Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Friday 10 Nov 2023 until 23:59 on Saturday 11 Nov 2023

Forecast Issued on Friday 10 Nov 2023 at 04:24

Confidence: High confidence for a cooler few days over the weekend with mist and fog causing some morning visibility hazards and frost expected, uncertainty in timing of mist and fog clearance in the morning. Further unsettled, wet and windy conditions expected early next week.

Headline for Friday 10 Nov 2023: Cold start to the day with mist and fog slow to clear, sunny intervals developing in the afternoon with moderate Northwesterly winds.

Mountain weather hazards on Friday 10 Nov 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG				FOG
Fog	Fog	Sunny intervals	Sunny	Clear night	Fog
Precipitation probability					
10%	10%	10%	10%	10%	10%

Forecast for Friday 10 Nov 2023

Weather: A cold start to the day with frost and fog likely. Some patches of mist and fog may be slow to clear in low lying valleys. Once this has cleared a settled day with sunny spells is expected. During the evening mist and fog may readily form again.

Chance of cloud-free hill tops above 600m: 50% rising to 90% during the morning.

Low Cloud and visibility: Early low cloud will affect visibility and inversions are possible at low level, with clear conditions possible on the summits. By mid-morning patchy low level cloud is expected on the highest peaks, although with excellent views likely away from cloud. If fog forms visibility will become poor again at low level during the evening.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Friday 10 Nov 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/9 NE	8/12 N	9/12 NW	11/16 W	9/15 W	10/14 SW	11/17 W
300	5/11 N	9/17 N	9/14 NW	7/16 W	4/14 NW	4/14 NW	4/14 W
Valley	1/3 NE	2/6 N	5/10 NW	4/11 W	2/9 NW	1/6 N	1/5 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-0	2/-1	2/-2	3/-1	2/-2	2/-2	2/-2
300	4/1	3/-0	5/2	6/3	2/-0	1/-1	0/-2
Valley	4/3	3/2	7/5	7/6	3/2	2/0	1/-0
Freezing Level*	1000m	900m	900m	900m	900m	900m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling chilly in moderate northerly winds especially in early mist and fog, feeling warmer in the Autumn sunshine later.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Fri 10 Nov 2023	10mm	17.8mm	26.8mm

Forecast for Saturday 11 Nov 2023

Weather: Mist and fog, or even freezing fog, are likely to occur again on Saturday morning with frost expected. It will become mainly dry and bright with a lot of sunshine. Still feeling chilly in the northerly winds.

Maximum wind: Northerly 10-15mph, becoming easterly 5-10mph later.

Chance of cloud-free hill tops above 600m: 50% rising to 90%, early low level cloud.

Low Cloud and visibility: Early inversions are possible with low level cloud and good visibility at height. Cloud will lift and clear to give excellent visibility and good clarity of air for much of the day.

Temperature: **Valleys:** Zero Celsius rising to 6 Celsius.
At 600m: Minus 1 rising to Plus 3 Celsius.
Freezing level: Around 1000m

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